

## AMENDMENTS TO THE SPECIFICATION

Please make the following amendments to the specification:

Please amend the title of the application at page 1 to:

BIOINFORMATICALLY DETECTABLE GROUP OF ~~NOVEL~~  
VIRAL REGULATORY GENES AND USES THEREOF

Please replace paragraph 0052 with the following paragraph:

Fig. 12A is an annotated sequence of EST72223 (SEQ ID NO: 46756) comprising novel gene GAM24 detected by the gene detection system of the present invention[[:]].

Please replace paragraph 0055 with the following paragraph:

Fig. 13A is a an annotated sequence of an EST7929020 (SEQ ID NO: 46757) comprising novel genes GAM23 and GAM25 detected by the gene detection system of the present invention[[:]].

Please replace paragraph 0058 with the following paragraph:

Fig. 14A is an annotated sequence of an EST1388749 (SEQ ID NO: 46758) comprising novel gene GAM26 detected by the gene detection system of the present invention[[:]].

Please replace paragraph 0150 with the following paragraph:

*Transcript preparations:* Digoxigenin (DIG) labeled transcripts were prepared from EST72223 (TIGER), MIR98 and predicted precursor hairpins by using a DIG RNA labeling kit (Roche Molecular Biochemicals) according to the ~~manufacture's~~ manufacturer's protocol. Briefly, PCR products with T7 promoter at the 5' end or T3 promoter at the 3' end were prepared from each DNA in order to use it as a template to prepare sense and antisense transcripts, respectively. MIR-98 was amplified using EST72223 as a ~~templet—template~~ template with T7miR98 forward primer: 5'-TAATACGACTCACTATAGGGTGAGGTAGTAAGTTGTA TTGTT-3' (SEQ ID NO: 46759) and T3miR98 ~~revse—reverse~~ primer: 5'-AATTAACCCTCACTAAAGGGAAAGTAGTAAG TTGTATAGTT-3' (SEQ ID NO: 46760). EST72223 was amplified with T7-EST 72223 forward primer: 5'-TAATACGACTCACTA

TAGGCCCTTATTAGAGGATTCTGCT-3" (SEQ ID NO: 46761) and T3-EST72223 reverse primer: 5"-AATTAACCCTCACTAAAGGTTTTTTTTCCTGAGACAGAGT-3" (SEQ ID NO: 46762). Bet-4 was amplified using EST72223 as a ~~templet~~ template with Bet-4 forward primer: 5"-GAGGCA GGAGAATTGCTTGA- 3" (SEQ ID NO: 46763) and T3-EST72223 reverse primer: 5"-AATTAACCCTCACTAAAGG CCTGAGACAGAGTCTTGCTC-3" (SEQ ID NO: 46764). The PCR products were cleaned and used for DIG-labeled or unlabeled transcription reactions with the appropriate polymerase. For transfection experiments, CAP reaction was performed by using a ~~mMessage-mMessage~~ mMessage mMachine kit (Ambion).